

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/050563

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01Q9/28 H01Q9/06 H01Q1/12		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H01Q		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MIKAVICA M ET AL: "A novel broadband printed antenna element" MEDITERRANEAN ELECTROTECHNICAL CONFERENCE, 1998. MELECON 98., 9TH TEL-AVIV, ISRAEL 18-20 MAY 1998, NEW YORK, NY, USA, IEEE, US, vol. 1, 18 May 1998 (1998-05-18), pages 256-259, XP010290675 ISBN: 0-7803-3879-0	1-5
Y	paragraphs '0001!', '0002!; figure 1	7-17
X	US 5 293 175 A (HEMMIE ET AL) 8 March 1994 (1994-03-08) abstract; figures 1,2	1,7
P,X	US 2004/056805 A1 (CHEN TAILEE) 25 March 2004 (2004-03-25) abstract; figures 1,2	1,7
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search 26 April 2005		Date of mailing of the international search report 13/05/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Marot-Lassauzale, J

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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Y	US 4 746 925 A (TORIYAMA ET AL) 24 May 1988 (1988-05-24) abstract; figure 3 -----	10-17
Y	US 6 054 961 A (GONG ET AL) 25 April 2000 (2000-04-25) figures 1,2 -----	10-17
Y	column 7, line 50 - column 8, line 59 -----	9
X	US 3 299 430 A (HUBER FRANZ R ET AL) 17 January 1967 (1967-01-17) figure 3 -----	1
Y	US 6 281 854 B1 (OHOKA SHINJI ET AL) 28 August 2001 (2001-08-28) figures 1-3 -----	10-17
Y	US 3 599 214 A (JOHN ALTMAYER) 10 August 1971 (1971-08-10) column 3, line 50 - line 55 -----	7,8

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Information on patent family members

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